Rajath U Shetty

Portfolio: https://sanity-blog-ashen.vercel.app/
Github: https://github.com/rajath-u-shetty
reddit link: https://breadit-hash.vercel.app/

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Education

New Horizon College Of Engineering	Bengaluru, India
Bachelor of Engineering in Computer Science and Engineering; GPA: 9.55	Dec 2022 - July 2026
Christ Junior College	Bengaluru, India
Science PCMB	April 2020 - May 2022

Skills Summary

Languages: JavaScript, TypeScript, Java, Python, C/C++

Frameworks: ReactJS, NextJS, Redux/Redux-toolkit, React-Query, Express, Tailwind, NodeJS, Flask, Recoil

Libraries: MongoDB, Postman, SQL, PostgreSQL, Prisma, Drizzle, Shadcn, Supabse, Next Auth, Firebase, JWT, Websockets, Socket.io

Tools: Linux, Windows, Arduino, Raspberry, AWS, Git, Github, Docker, Google Cloud Platform

Soft Skills: Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

Ulipsu

Fulltack Developer (Intern)

- **Webpack to Turbopack**: Architectural migration improving 35% performance and speed boost
- **REST API for Youtube Integration**: Seamlessly integrate Youtube APIs to develop a RESTful architecture using NEXT.js 13.
- **AI based ticketing**: Implemented secure AI based ticketing system using OpenAI's API.

Projects

LangChain - RAG multi-modal translations Webapp (NextJS, Typescript, Prisma, PostgreSQL, Next Auth, TRPC, Pinecone, OpenAI API, Hugging Face): Developed a web application allowing users to translate PDF or Image files to Indian languages and engage in chat conversations.

The uploaded text/image/PDF are translated locally using ML Model's, hence maintaining confidentiality of the documents.

Sanity-Blog (TypeScript, ReactJS, NextJS, Sanity.io, NextAuth):**Code Link** A interactive Blogging Platform where user can browse through blogs. Create, archive and delete blogs.

Separate roles for user and admin access. Admin can manage all users.

Discord Clone (- TypeScript, ReactJS, NextJS, PostgreSQL, Prisma, NextAuth, ShadCn, socket.io):**Code** Allows users to create and join servers and channels. Each user has individual roles and can access channels based on their roles.

User can post media, real-time chatting, voice and video calls. with EditorJs

CoverAi (TypeScript, NectJS, ReactJS,PostgreSQL, Prisma, NextAuth, ShadCn, tRpc, Supabase):**Code** Developing a full-stack appliction where users can build their resume with the help of AI and generate cover letters by uploading their resume.

Honors and Awards

Winner - Smart India Hackathon 2023

Participated along with best teams in India and proceeded to win SIH 2023, the biggest hackathon in India.

Runner Up - Quantum Hacks (Team Lead)

24-Hour Inter-College Hackathon organized by NHCE, where problem statements were given by multiple industries.

Winner - Code Masters 2024

won a 6-Hour DSA Hackathon at NHCE.

Hobbies and Extracurriculars

- **NCC - AITSC(2018)**

  I was part of the contigent representing karnatka and goa in All India Thal Sainik Camp held at New Delhi and won silver medal.

- **Chess**

  Passionate chess enthusiast with a dedication to strategic thinking and continuous improvement through the game